## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gerald Van Handel

Group Art Unit: 3782

U.S. Serial No. 10/797,949

Examiner: Gary E. Elkins

Filed March 10, 2004

Docket No. 12244C1C1

For:

**BLANK FOR A DISPOSABLE** 

THERMALLY INSULATED CONTAINER

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Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

## DECLARATION OF GERALD J. VAN HANDEL UNDER 37 C.F.R. §1.131

Sir:

Gerald J. Van Handel, inventor of the subject matter of the above-noted patent application, makes the following statements in support of patentability of the application:

- I was awarded a Doctor of Philosophy degree in materials science from Marquette
  University and have worked in connection with the design and manufacture of
  numerous disposable products over many years;
- 2. I understand from Counsel that the above-noted patent application has been rejected on the basis of prior art and that United States Patent No. 6,364,149 has been cited as prior art because it has a filing date of October 5, 1999 which is prior to the effective filing date of the above-noted patent application which, I understand, is July 20, 2001;

3. The above-noted patent application is directed to a container blank, including a shrink film layer adhered to a substrate adapted to shrink away from the substrate upon application of heat. Claim 1 of the application as filed is representative:

## 1. A container blank comprising:

- (a) at least one substrate layer made of disposable material; and
- (b) at least one film layer disposed over said at least one substrate layer and having at least one portion adapted to shrink away from said at least one substrate layer upon application of heat, said shrunk film layer portion being adapted to thermally insulate the substrate layer located substantially behind said shrunk film layer portion.
- 4. I personally made and tested a container blank having the features recited in the above Claim 1 prior to October 5, 1999, wherein the film layer consisted of a single shrink film layer secured to paperboard by way of heat sealing;
- 5. Attached hereto, as page A1, is a redacted copy of a Laboratory Notebook page I prepared prior to October 5, 1999 describing in detail the concept of the container blank of the above-noted patent application;
- 6. Attached hereto, as page A2, is a redacted copy of another Laboratory Notebook page I also prepared prior to October 5, 1999 describing the preparation and testing of the container blank of the above-noted patent application;
- 7. It is seen from the notes on pages A1 and A2 that a paperboard/shrink film container blank as described in the above-noted patent application was actually made and tested prior to October 5, 1999;
- 8. I, the undersigned Declarant, declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by

fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the subject application or any patent issuing thereon.

Signed this day of March, 2008.

Gerald J. Van Handel

Combine paperboard and oriented plastic Tilin (ex. Borting PE) to form a cup which will become more visid and a better insulator up the addition of - but liquid. Heat seal film to preserved along discreet lines as in shitch. (1) form cup from blank (2) Hat liquid phinks film as in (3) Jorning insulating apaces between Jupabourd & Film I may beget rigidity increase due to affectively thicker silewals. Vents assay be needed in populound to allow influx of air during Thinking process. Film acts as barrier to liquid.

HEAT SEPAL LINIES

Top or cup (3 a)

EXAGLERATED SECTION OF LAMINATION AFTER FLLING.

John Jilan Seal